Supplementary material for Worah S, et al. (2015). A comparison of two approaches for representing AAC vocabulary for young children. *International Journal of Speech-Language Pathology*, 17, 460–469.

Supplementary Appendix. Guidelines for development and examples of DAS graphic symbols (based on Light et al., 2008).

All gone: The illustration should have two characters, a parent and a child. Both the characters are at a table and close to one another. The child should be holding the empty bowl with one hand and pointing to it with his other hand. The bowl can be held sideways. The adult should be signalling “all gone” with facial expressions and gestures (i.e. arms slightly elevated up in the air). Both characters are looking at each other. The child should not have a happy expression. His expression should indicate that he has finished something he likes.

Big: The illustration should have two characters, with something that is “big”—both perceptually and conceptually. For example, use an elephant and a child. The elephant must occupy a large portion of the visual space so that its “bigness” is evident. A small child is near the elephant such that the “bigness” overwhelms the smallness of the child.

Come: The illustration should have two characters, a child and an adult. The adult has one arm slightly forward as if beckoning the child to come to him/her. The child should be moving towards the adult. This sense of movement has to be indicated without the use of arrows. The child's body posture can be utilized to provide a sense of movement. For example, the limbs can be angled to give the sense of moment. Both the child's arms are outstretched towards the adult. Both are smiling as if happy to see each other. This scene is set outdoors.

Eat: The illustration should have one child eating at a table. The child has a plate in front with food and is seated at a table. The illustrations should have the frontal view of the child eating and not a side view. The background should be simple and not include any distracting elements such as a window or a painting.

More: The illustration should have two children at a table. One of the children is slightly older. There is a plate with cake on it in front of the older child. The cake has been cut. The younger child's plate has just a few tiny crumbs of cake. The younger child has a fork in one hand, with the other hand she is pointing directly towards the cake. Her facial expressions indicate that she likes the cake and wants more. She is smiling and licking her lips. The older child has a slight smile while she is looking at the younger child.

Open: The illustration should have two children at the door of a house and both are happy to see each other. Both children are smiling and looking at one another. The child inside the house is opening the door. The other child is just outside the door, about to enter the house. The child opening the door should have her hand on the door handle or knob. Her hand should be angled so to indicate she is opening the door.

Up: The illustration should have two children. The children are outdoors. Both children have their heads tilted backwards to indicate that they are looking upwards. One of the children is pointing up to something in the sky. The children are seen waist upwards, so that their gaze and upward body movement is emphasized.

Want: The illustration should have two characters, an adult and a child. The child wants something (a non-food item) such as a toy (maybe a toy car) and is pointing to it. The adult is following the child's following initiation and looking at the object of interest. The illustration can be set in a store, where the child wants a toy. The child's object of interest is on a shelf, and he is directly pointing to it. The background should be simple and not include any distracting elements such as signs or other people.

What: The illustration should have two characters, a parent and a child. This illustration can be set outdoors. The child is pointing directly to a strange toy with one hand. The toy can be an animal like inflatable toy with the face of an elephant, body of crocodile and bear. The child is looking at the parent, pointing directly to the toy and has a questioning look on his/her face. The child's eyes are wide open. The adult is at the child's height (kneeling). The adult face is seen sideways as he is facing the child next to him. The adult has one arm on the child's back and a reassuring look as though answering the question "What is that?"

Who: The illustration should have three characters, two children and one adult. This illustration can be set outdoors. One child and the adult are standing close to one another. The other child is slightly further away. The child with the adult is pointing towards the other child and looking at the adult as if asking "Who is that?" The adult is holding the child's hand, looking at her, smiling and has a reassuring look on her face as though answering the question.